

ABSTRACT OF THE DISCLOSURE

A method and system for performing a handoff between different CDMA systems in a mobile communication network having first and second cells and a gateway cell is disclosed. The handoff between the first and second cells is performed using a gateway, wherein one frequency is used by the first cell and a first sector of the gateway, and a second frequency is used by the second cell and a second sector of the gateway. The system and method allow for performing a handoff of a call between two different communication systems having two different communication standards, such as between a CDMA 2G system and a CDMA 3G system, and further allows for the handoff to be performed without dropping the call.